

## **CENTRALIZED CLINICAL DATA MANAGEMENT SYSTEM PROCESS FOR ANALYSIS AND BILLING**

### **Abstract of the Disclosure**

- 5           Method and apparatus for acquiring and analyzing signals to generate  
medical data pertinent to one or more individuals and storing the data in a local  
machine, then collecting the medical data to a centralized system for further analysis  
and/or creation of invoices for billing. Some embodiments include a medical-data  
collection apparatus for processing an arterial blood pressure waveform to extract  
10 clinically useful information on the state of the cardiovascular system of an  
individual. After storing medical data for one or more individuals, the medical-data  
collection apparatus establishes communications with a centralized information-  
processing system, uploads its data, and is re-enabled to collect further data. The  
information-processing system optionally generates bills or invoices for the services  
15 based on usage of each of the medical-data collection apparatus, and optionally  
aggregates the data from a plurality of individuals for further analysis.

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